



FW 1641

PATENT  
ATTORNEY DOCKET NO.: ARCY-C1  
CUSTOMER NO: 36038

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

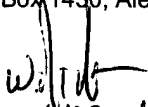
In Re Application of:  
M. Seul *et al.*

~~Parent~~ Serial No. 09/995,894

~~Parent~~ Filed: 11/28/01

For: Array Cytometry

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)  
) Parent Group Art Unit: 1641  
)  
) Examiner: P. Do  
)  
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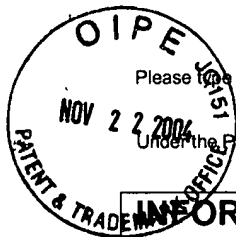
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Respectfully Submitted,

BY: 

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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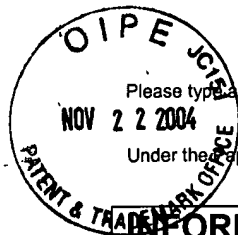
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Examiner Initials	U.S. Documents	U.S. Patent Document Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
	Number		
	US 4,717,655	Fulwyler	01/05/1988
	US 5,573,909	Singer et. Al	11/12/1996
	US 5,585,069	Zanzucchi et al.	12/17/1996
	US 5,593,838	Zanzucchi et al.	01/14/1997
	US 5,723,218	Haugland et al.	03/03/1998
	US 5,744,305	Fodor et al.	04/28/1998
	US 5,807,755	Ekins	09/15/1998
	US 5,837, 551	Ekins	11/17/1998
	US 5,874,219	Rava et al.	02/23/1999
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	US 6,023,540	Wait et al.	02/08/2000
	US 5,281,370	Asher et al.	01/25/1994
	US 5,516,635	Ekins et al.	05/15/1996
	US 5,518,883	Soini	05/21/1996
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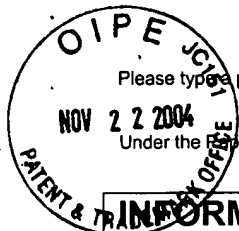
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	US 5,770,358	Dower	07/23/1998
	US 3,571,614 A	Carreira	04/13/1997
	US 5,510,270 A	Fodor et al.	04/23/1996
	US 6,083,763	Balch	07/04/2000
	US 6,172,218 B1	Brenner	01/09/2001
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	US 5,532,128	Eggers et al.	07/02/1996
	US 5,516,635	Ekins et al.	05/14/1996
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	US 5,254,477	Walt	10/19/1993
	US 5,298,741	Walt et al.	03/29/1994

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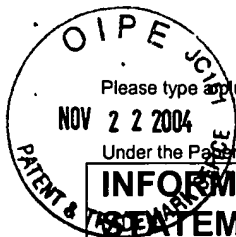
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	US 5,320,814	Walt et al.	06/14/1994
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	US 5,405,784	Van Hoegaerden	04/11/1995
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	US 4,575,407	Diller	03/11/1986

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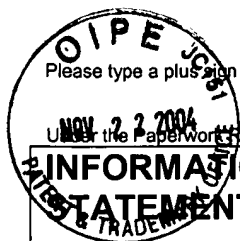
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	US 5,444,330		Leventis et al.	08/22/1995
	US 5,587,128		Wilding et al.	12/24/1996
	US 5,498,392		Wilding et al.	03/12/1996
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	US 5,770,358		Dower	07/23/1998
	US 5,128,006		Mitchell et al.	07/07/1992
	US 6,251,691		Seul	06/26/2001

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	Office	Number	Kind Code (if known)			
	PCT	WO 95 12808		Heller et al.	05/11/1995	
	PCT	WO 96 07917		Nanogen	03/14/1996	
	PCT	WO 97 40383		Glaxo Group	10/30/1997	
	PCT	WO 98 06007		Mcardle	02/12/1998	
	PCT	WO 98 53300		Pallas et al.	11/26/1998	
	PCT	WO 93/02360		Lehnen	02/40/1993	
	PCT	WO 96/03212		Brenner	02/08/1996	

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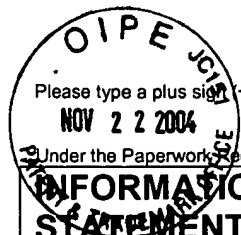
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	Office	Number	Kind Code (if known)			
	Can.	1,248,873		Tripatzis	01/17/1989	
	PCT	WO 99/18434		Walt et al.	04/15/1999	
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	PCT	WO 89/11101		Lindmo	11/16/1989	
	PCT	WO 93/06121		Dower et al.	04/01/1993	
	PCT	WO 93/24517		Furka et al.	12/09/1993	
	PCT	WO 97/14028		Chandler et al.	04/17/1997	
	PCT	WO 96/04547		Ramsey	02/15/1996	
	PCT	WO 00/04372		Anslyn et al.	01/27/2000	
	PCT	WO 99/60170		Baier et al.	11/25/1999	
	PCT	WO 98/40726		Walt et al.	02/08/2000	
	PCT	WO 00/13004		Walt	03/09/2000	
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	PCT	WO 00/75373		Walt et al.	12/14/2000	

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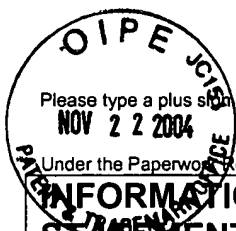
### OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s),	T 2
		Micheletto, et al. "A simple method for the production of a two-dimensional ordered array of small latex particles". <i>Langmuir</i> , vol. 11, 3333-3336 (1995)	
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		"Materials from Freedom of Information Act pertaining to David R. Walt".	
		Peterson, et al. "Fiber optic pH probe for physiological use," <i>Anal. Chem.</i> Vol. 52, 864-869 (1980)	
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		Barnard, et al, "A fibre-optic chemical sensor with discrete sensing sites," <i>Nature</i> , vol. 353: 338-340 (1991).	
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		Fulton, et al., "Advanced multiplexed analysis with the FlowMetrix system," <i>Clinical Chemistry</i> , vol. 43:9, pp. 1749-1756 (1997)	
		Scott, et al. "Properties of flourophores on solid phase resins; implications for screening, encoding and reaction monitoring," <i>Bioorganic &amp; Medicinal Chemistry Letters</i> , 7:12, pp. 1567-1572 (1997)	
		Healey, et al., "Fiberoptic DNA sensor array capable of detecting point mutations," <i>Analytical Biochemistry</i> , vol. 251, pp. 270-279 (1997).	

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### OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

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		"Microsphere Selection Guide," Bangs Laboratories, Inc. (Fisher, IN) (September 1998)	
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		Sze, "MIS diode and charge-coupled device," The physics of semiconductors, Chapter 7, pp. 362-340 (2 <sup>nd</sup> edition) (Wiley Interscience 1981).	
		The International Preliminary Examination Report dated April 27, 1998, received in the corresponding international application	
		Handbook of Chemistry and Physics, 64 <sup>th</sup> edition, 183-184, pages B-196 and E-363	

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